

WEEKLY CROP-WEATHER

MN and U.S. Depts. of Agriculture  
PO Box 7068, St. Paul, MN 55107  
Phone: (651) 296-2230  
E-mail: [nass-mn@nass.usda.gov](mailto:nass-mn@nass.usda.gov)  
Homepage: <http://www.nass.usda.gov/mn/>

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MINNESOTA AGRICULTURAL STATISTICS SERVICE IN COOPERATION WITH THE NATIONAL WEATHER SERVICE  
TWIN CITIES INT'L AIRPORT, UNIV. OF MINN. EXTENSION SERVICE, AND STATE CLIMATOLOGY, DNR

SMALL GRAIN HARVEST IS NEARLY COMPLETE

Small grain harvest is nearly complete, according to the Minnesota Agricultural Statistics Service. Rainfall was sparse across the majority of the state with the average statewide precipitation of 0.23 inch. Topsoil moisture continues to be short to very short in the central part of the state. Statewide topsoil moisture conditions as of August 24<sup>th</sup> were rated 22% very short, 38% short, 35% adequate, and 5% surplus. Moisture stress on corn and soybeans increased last week resulting in decreased crop conditions.

Spring wheat is 80% harvested, versus 87% harvested last year and 66% for the 5-year average. Winter wheat harvest is 99% complete. Harvest progress for oats is 95%, barley 88%.

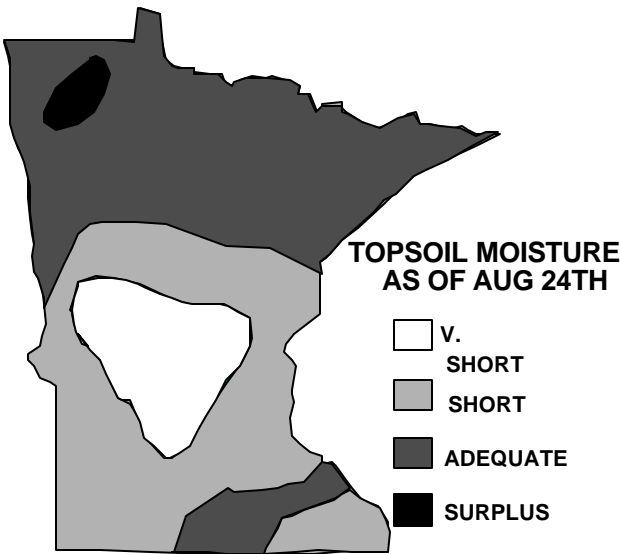
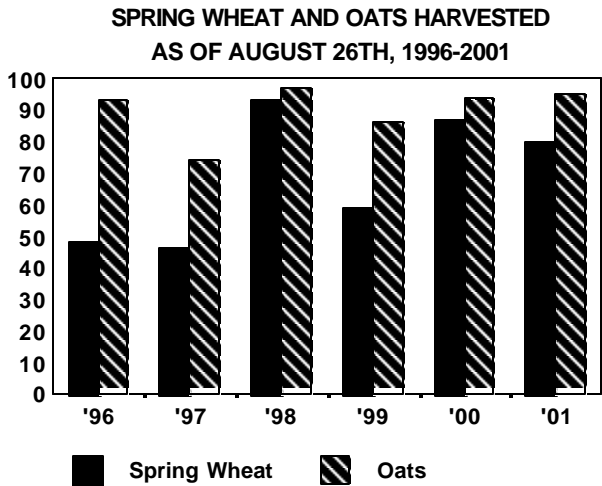
Corn in or past the milk stage is 97% as of Sunday, August 26<sup>th</sup>, compared with 98% last year and 96% for the 5-year average. Corn in the dough stage or beyond is 65%, compared with 75% last year and 69% for the 5-year average. Corn is 18% denting, compared to 32% last year and 31% for the 5-year average. Corn condition is rated 33% good to excellent, down 6 percentage point from last week's rating of 39%.

Soybeans have set pods on 98% of the acres, with last year's 99% and the 5-year average of 98%. Soybeans are beginning to turn yellow on 6% of the acreage versus 18% last year and 10% for the 5-year average. The soybean condition rating of good to excellent is 40% compared to last week's rating of 44%.

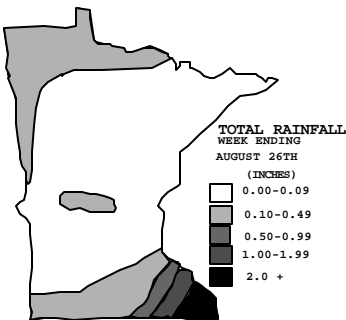
Pasture conditions are rated as 28% good to excellent, down from 30% last week. Pastures in the moisture deprived areas are very short and supplemental feeding is necessary.

Days Suitable for Fieldwork: 6.2					
		Very Short	Short	Ade-quate	Surplus
Topsoil Moisture (%)		22	38	35	5
Crop Progress as of August 26, 2001					
Crop	Stage of Development	5 Yr Avg	Last Year	Last Week	This Week
-----Percent-----					
Corn	Milk	96	98	90	97
	Dough	69	75	42	65
	Dent	31	32	7	18
Soybeans	Setting Pods	98	99	90	98
	Turning Yellow	10	18	NA	6
Spring Wheat	Harvested	66	87	51	80
Oats	Harvested	89	94	89	95
Barley	Harvested	72	94	74	88
Winter Wheat	Seeded (for 2002)	9	7	NA	9
	Harvested	96	98	97	99
Rye	Harvested	97	95	97	99
Sweet Corn	Harvested	56	56	45	62
Canola	Harvested	NA	40	9	18
Potatoes	Harvested	6	6	NA	8
Grain/Hay	Stubble Worked	31	42	24	35
Crop Condition as of August 24 <sup>th</sup>					
	V. Poor	Poor	Fair	Good	Exc.
Pasture	12	26	34	26	2
Corn	7	18	42	31	2
Soybeans	6	15	39	37	3
Dry Beans	6	10	29	48	7
Potatoes	2	4	26	44	24
Sunflowers	1	10	30	47	12
Canola	3	10	48	35	4
Sugarbeets	8	10	31	41	10

Processors' sweet corn harvest is 62% complete, ahead of last year and the 5-year average at 56%.



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING AUGUST 26, 2001:  
Temperatures averaged from 2.6 degrees above normal in the Northeast District to 6.3 degrees above normal in the Northwest District. Extremes: 41° in Hibbing; 92° in Browns Valley. Precipitation averaged from 0.84 inch below normal in the East Central District to 0.49 inch above normal in the Southeast District. Greatest weekly total was 2.13 inches.



Precipitation and Temperature Summary for 08/20/2001 through 08/26/2001

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	From Four Weeks	Norm Since 4/1	Since May 16	Depart from Norm
<u>NW DIST 1</u>										
Crookston	88	59	72.9	6.6	.12	-.54	3.16	2.17	1818	88
Moorhead	87	58	73.1	5.8	.36	-.17	.60	1.60	1884	54
Warroad	85	53	69.6	6.5	.34	-.24	2.55	8.14	1654	153
<u>NC DIST 2</u>										
Grand Rapids	89	48	68.1	5.4	0	-.81	-.54m	1.85m	1534m	44m
Intl. Falls	84	43	64.8	2.7	.17	-.53	3.67	6.91	1550	102
Itasca	85	52	68.0	4.4	0	-.80	.89	1.66	1660	133
<u>NE DIST 3</u>										
Duluth	85	46	65.8	3.6	0	-.93	-.50	3.45	1452	93
Grand Marais	77	51	63.3	2.1	0	-.76	1.63	6.26	856	-186
Hibbing	85	41	63.2	2.1	0	-.80	.18	-.69	1482	133
<u>WC DIST 4</u>										
Alexandria	88	55	71.8	4.7	.25	-.55	-2.46	-2.99m	1846	14
Browns Valley	92	53	72.6	4.5	.08	-.48	-1.40	3.79	1929	31
Canby	88	56	73.1	3.6	0	-.58	-2.25	3.72	2036	-6
Fergus Falls	90	57	73.6	6.8	0	-.67	-2.17	3.16	1958	173
Montevideo	88	55	73.0	5.0	0	-.67	-2.12	3.22	1907	-35
Morris	87	56	72.0	5.3	0	-.72	-2.91	3.80	1917	105
<u>CENT DIST 5</u>										
Becker	87	54	71.4	5.8	0	-.92	-1.60	1.13	1950	212
Hutchinson	87	53	70.9	3.0	0	-.81	-2.02	.08	2010	74
Olivia	91	56	72.7	4.2	0	-.76	-2.15	-1.62	1959	-39
St. Cloud	89	51	71.0	5.5	.20	-.74	-2.50	2.18	1823	95
Staples	88	51	69.2	4.4	0	-.63	-1.72	5.60	1739	104
Willmar	88	55	72.2	4.6	0	-.83	-2.04	-1.44	1959	58
<u>EC DIST 6</u>										
Aitkin	88	49	67.6	3.4	0	-.87	-2.31	2.19	1701	121
Cambridge	81m	54m	67.5m	1.4m	0m	-.88m	-1.77m	3.52m	1594m	-197m
MSP Airport	88	60	73.9	5.0	.04	-.77	-1.65	5.20	2106	94
St. Paul - UofM	85	56	72.4	2.5	.01	-.84	-.37	4.08	2095	20
<u>SW DIST 7</u>										
Lamberton	88	53	70.7	2.8	.02	-.59	-1.64	4.90	1942	-17
Pipestone	86	56	72.1	4.8	0	-.69	-2.13	3.33	1952	94
Redwood Falls	88	54	72.9	3.4	.01	-.66	-2.12	-1.88	1991	-79
Worthington	85	52	69.2	2.4	.16	-.84	-3.29	2.73	1974	98
<u>SC DIST 8</u>										
Faribault	86	52	70.2	2.7	.13	-.77	-.72	3.52	1911	16
Waseca	86	53	70.8	3.9	.25	-.69	-1.06	3.96	1967	98
Winnebago	86	54	71.0	3.4	.31	-.58	-2.90	1.62	1957	34
<u>SE DIST 9</u>										
Preston	87	51	70.7	4.5	2.13	1.19	-.06	.87	1895	118
Red Wing	87	54	71.4	5.8	.76	-.15	-1.28	-.19	1954	226
Rochester	84	53	69.2	2.4	1.72	.86	-.60	7.62	1824	-5
Rosemount	88	55	71.4	4.3	.02	-.88	-2.01m	-1.13m	1938	68
Winona	87	57	72.9	5.2	2.01	1.19	-.01	3.10	1963	24

m=some data missing

Corn growing degree days (GDD) are calculated by subtracting a 50 degree base temperature from the average of the maximum and minimum temperature for the day. The daily maximum is limited to 86 degrees and minimum of 50 degrees.

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